

Ibrahim A Amar

List of Publications by Year in descending order

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26
papers

913
citations

566801

15
h-index

676716

22
g-index

28
all docs

28
docs citations

28
times ranked

879
citing authors

#	ARTICLE	IF	CITATIONS
1	Solid-state electrochemical synthesis of ammonia: a review. <i>Journal of Solid State Electrochemistry</i> , 2011, 15, 1845-1860.	1.2	271
2	Synthesis of ammonia directly from wet air at intermediate temperature. <i>Applied Catalysis B: Environmental</i> , 2014, 152-153, 212-217.	10.8	91
3	Electrochemical synthesis of ammonia based on doped-ceria-carbonate composite electrolyte and perovskite cathode. <i>Solid State Ionics</i> , 2011, 201, 94-100.	1.3	89
4	Electrochemical synthesis of ammonia based on a carbonate-oxide composite electrolyte. <i>Solid State Ionics</i> , 2011, 182, 133-138.	1.3	84
5	Electrochemical synthesis of ammonia from N ₂ and H ₂ O based on (Li,Na,K) ₂ CO ₃ ∕Ce _{0.8} Gd _{0.18} Ca _{0.02} O ₂ ∕ composite electrolyte and CoFe ₂ O ₄ cathode. <i>International Journal of Hydrogen Energy</i> , 2014, 39, 4322-4330.	3.8	52
6	Synthesis of ammonia directly from wet air using new perovskite oxide La _{0.8} Cs _{0.2} Fe _{0.8} Ni _{0.2} O _{3-∕} as catalyst. <i>Electrochimica Acta</i> , 2014, 123, 582-587.	2.6	45
7	Electrochemical Synthesis of Ammonia Based on Co ₃ Mo ₃ N Catalyst and LiAlO ₂ ∕(Li,Na,K) ₂ CO ₃ Composite Electrolyte. <i>Electrocatalysis</i> , 2015, 6, 286-294.	1.5	37
8	Electrochemical synthesis of ammonia from wet nitrogen via a dual-chamber reactor using La _{0.6} Sr _{0.4} Co _{0.2} Fe _{0.8} O _{3-∕} ∕Ce _{0.8} Gd _{0.18} Ca _{0.02} O ₂ ∕ composite cathode. <i>Catalysis Today</i> , 2017, 286, 51-56.	2.2	37
9	Removal of Methylene Blue from Aqueous Solutions using Nano-Magnetic Adsorbent Based on Zinc-Doped Cobalt Ferrite. <i>Chemical Methodologies</i> , 2020, 4, 1-18.	1.8	37
10	Synthesis of ammonia directly from wet nitrogen using a redox stable La _{0.75} Sr _{0.25} Cr _{0.5} Fe _{0.5} O _{3-∕} ∕Ce _{0.8} Gd _{0.18} Ca _{0.02} O ₂ ∕ composite cathode. <i>RSC Advances</i> , 2015, 5, 38977-38983.		
11	Preparation of dense La _{0.5} Sr _{0.5} Fe _{0.8} Cu _{0.2} O _{3-∕} ∕(Li,Na) ₂ CO ₃ ∕LiAlO ₂ composite membrane for CO ₂ separation. <i>Journal of Membrane Science</i> , 2014, 468, 380-388.	4.1	25
12	Electrochemical synthesis of ammonia from wet nitrogen using La _{0.6} Sr _{0.4} Fe _{0.8} ∕Ce _{0.8} Gd _{0.18} Ca _{0.02} O ₂ ∕ composite cathode. <i>RSC Advances</i> , 2014, 4, 18749-18754.	1.7	22
13	Electrochemical Synthesis of Ammonia Directly from Wet N ₂ Using La _{0.6} Sr _{0.4} Fe _{0.8} Cu _{0.2} O _{3-∕} ∕Ce _{0.8} Gd _{0.18} Ca _{0.02} O ₂ ∕ Composite Catalyst. <i>Journal of the Electrochemical Society</i> , 2014, 161, H350-H354.	1.3	20
14	Synthesis of ammonia directly from wet air using Sm _{0.6} Ba _{0.4} Fe _{0.8} Cu _{0.2} O _{3-∕} as the catalyst. <i>Faraday Discussions</i> , 2015, 182, 353-363.	1.6	19
15	Co-pyrolysis of polymethyl methacrylate with brown coal and effect on monomer production. <i>Fuel</i> , 2006, 85, 12-18.	3.4	18
16	Biosorption Removal of Methylene Blue Dye from Aqueous Solutions using Phosphoric Acid-Treated <i>Balanites Aegyptiaca</i> Seed Husks Powder. <i>Biointerface Research in Applied Chemistry</i> , 2021, 12, 7845-7862.	1.0	8
17	RP TLC analysis of new antidepressants in pharmaceutical preparations. <i>Journal of Planar Chromatography - Modern TLC</i> , 2011, 24, 40-43.	0.6	5
18	Adsorptive removal of congo red dye from aqueous solutions using Mo-doped CoFe ₂ O ₄ magnetic nanoparticles. <i>Pigment and Resin Technology</i> , 2021, 50, 563-573.	0.5	4

#	ARTICLE	IF	CITATIONS
19	Surfactant-assisted sol-gel synthesis of zinc ferrite magnetic nanoparticles for oil spills cleanup from seawater and antibacterial activity applications. World Journal of Engineering, 2023, 20, 713-721.	1.0	4
20	Oil Spill Removal from Water Surfaces using Zinc Ferrite Magnetic Nanoparticles as A Sorbent Material. Iraqi Journal of Science, 0, , 718-728.	0.3	3
21	Removal of methylene blue using balanites aegyptiaca bark powder as low-cost and eco-friendly biosorbent. Research Journal of Textile and Apparel, 2021, ahead-of-print, .	0.6	3
22	Electrocatalytic activity of CoFe _{1.9} Mo _{0.1} O ₄ -Ce _{0.8} Gd _{0.18} Ca _{0.02} O ₂ - $\hat{\Gamma}$ composite cathode for ammonia synthesis from water and nitrogen. World Journal of Engineering, 2021, 18, 490-496.	1.0	2
23	Current situation and future prospects for the production and utilization of sorbing materials for water depollution in North Africa. , 2021, , 49-71.		2
24	Synthesis of Ammonia Directly from Air and Water v<i>ia</i> a Single-Chamber Reactor Using Lanthanum Chromite-Based Composite as an Electrocatalyst. Nano Hybrids and Composites, 0, 32, 35-44.	0.8	1
25	Synthesis and Characterization of Magnetic CoFe _{1.9} Cr _{0.1} O ₄ Nanoparticles by Sol-gel Method and Their Applications as an Adsorbent for Water Treatment. , 0, , .		1
26	Electrocatalytic Activity of Lanthanum Chromite-Based Composite Cathode for Ammonia Synthesis from Water and Nitrogen. Advanced Materials Research, 0, 1160, 65-74.	0.3	0